



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

Spinar, et al.

App. No.

Unknown 10/014,951

Filed

Unknown December 11, 2001

For

METHOD AND SYSTEM FOR

ADAPTIVELY OBTAINING BANDWIDTH ALLOCATION

REQUESTS

Examiner

Unknown

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APR 0 2 2002

Technology Center 2600

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION ANDREVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, Customer No. 20,995, as its attorneys with full power of substitution and

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revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use Customer No. 20,995 for all communications.

Ensemble Communication

Dated: 12-11-2001

Title: CHIEF TECHNICAL OFFICER

Address: 9890 Towne Centre Drive

San Diego, CA 92121

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